

IN THE CLAIMS

Please amend the claims as follows:

1. canceled.

2. canceled.

3. (twice amended) An isolated polynucleotide molecule encoding an NPY-Y7 receptor of human origin ~~of 408 amino acids in length~~ that comprises the amino acid sequence set forth in SEQ ID NO: 2.

4. cancelled.

5. cancelled.

6. (twice amended) An isolated polynucleotide molecule ~~according to claim 5,~~ ~~wherein the polynucleotide molecule encodes~~ encoding a murine NPY-Y7 receptor having ~~an~~ the amino acid sequence substantially corresponding to that shown as set forth in SEQ ID NO: 3.

7. (previously twice amended) An isolated polynucleotide molecule encoding an NPY-Y7 receptor, wherein the polynucleotide molecule comprises a nucleotide sequence selected from the group consisting of:

- (i) the sequence set forth in SEQ ID NO: 4;
- (ii) The sequence consisting of nucleotides 369 to 1592 of SEQ ID NO: 4;
and
- (iii) a sequence that encodes the amino acid sequence set forth in SEQ ID NO: 2.

8. canceled.

9. canceled.

10. (previously once amended) A plasmid or expression vector including a polynucleotide molecule according to claim 3.

11. canceled.

12. canceled.

13. canceled.

15. canceled.

16. canceled.

17. canceled.

18. canceled.

19. canceled.

20. canceled.

21. canceled.

22. canceled.

23. canceled.

24. canceled.

25. canceled.

26. (previously added) A host cell transformed with a polynucleotide molecule according to claim 3.

27. (previously added) A host cell according to claim 26, wherein the cell is a mammalian or insect cell.

28. (previously added) A host cell according to claim 27, wherein the cell is a Chinese hamster ovary (CHO) cell, human embryonic kidney (HEK) 293 cell or an insect Sf9 cell.

29. (previously added) A host cell according to claim 26, wherein the cell expresses the NPY-Y7 receptor onto the cell's surface.